CLAIMS

 A driver circuit for an EL display panel comprising: reference current generating means of generating a reference current;

a first current source which is fed the reference current from the reference current generating means and outputs a first current which corresponds to the reference current to a plurality of second current sources;

the second current sources which are fed the first current outputted from the first current source and output a second current which corresponds to the first current to a plurality of third current sources; and

the third current sources which are fed the second current outputted from the second current sources and output a third current which corresponds to the second current to a plurality of fourth current sources,

characterize in that among the fourth current sources, an appropriate number of unit current sources are selected according to input image data.